

Chrysal SVB – *Post-Harvest Conditioning for Bulb Flowers*

Overview: Chrysal SVB is a post-harvest treatment developed for Lilium, Alstroemeria, Eryngium, and Euphorbia fulgens. It helps maintain leaf and flower quality, extends vase life, and ensures optimal condition during transport and auction supply. When combined with Chrysal AVB, it provides even better results.

Key Benefits:

- Maintains flower and leaf quality.
- Prolongs the vase life of bulb flowers.
- Stimulates bud opening while preserving foliage color and firmness.
- Dissolves clearly and quickly in water.

Convenient Application:

- Suitable for all types of water.
- Easy manual dosing.
- Used primarily by growers and exporters for auction supply.
- Can be combined with Chrysal AVB for optimal results (see AVB label for instructions).

Cost Efficiency & Quality Assurance:

- Reduces flower wastage.
- Extends distribution and sales periods.
- Enhances visual and ornamental quality.

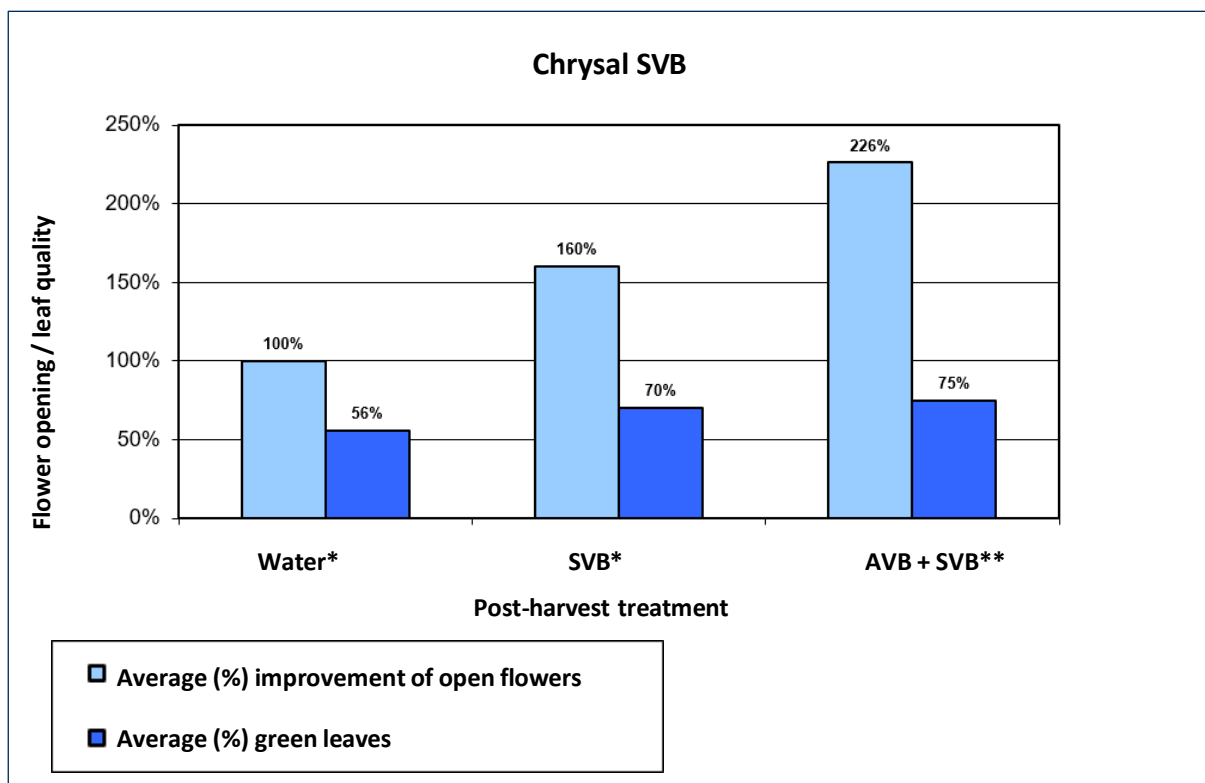
Usage Recommendations:

- **Dosage:** 1 tablet per 3 quarts (liters) of water.
- **Storage:** Keep in cool, dry, and dark conditions (optimal temperature range 41°F and 77°F / 5°C to 25°C).
- **Shelf Life:** 24 months in sealed packaging.
- **Solution pH:** Ranges between 7.0 and 8.0 depending on water alkalinity.
- **Treatment Time:**
 - Chrysal SVB only: minimum 20 hours.
 - Chrysal AVB + SVB: Chrysal AVB for 4 hours followed by Chrysal SVB for 20 hours (maximum 72 hours, except lilies: maximum 36 hours).
- **Solution Reuse:** Up to 3 days. Prepare fresh solution daily if possible.
- **Necessary:** Do not mix residual solutions with fresh solutions.
- **Disposal:** Residual Chrysal SVB solutions may be safely drained into sewer systems.
- **Neutralization:** Chrysal AVB solutions must be neutralized as per label instructions.



Test Results

The following graph shows the effects of different post-harvest treatments with Chrysal SVB and Chrysal SVB in combination with Chrysal AVB on the opening of buds and leaf quality compared to water alone.



* Duration of the treatment: 20 hours

** Duration of the treatment: Chrysal AVB 4 hours, then Chrysal SVB for 20 hours

Studies show:

- Improved flower opening and greener leaves compared to water alone.
- For Eryngium, vase life increased from 10 to 16 days.
- For Alstroemeria, vase life increased from 11 to 15 days when treated with Chrysal AVB + SVB.

Visual Observations:

- Eryngium treated with Chrysal SVB maintained significantly better leaf quality after 15 days.
- Alstroemeria treated with Chrysal AVB + SVB showed better bud opening and greener leaves than water alone.



Vase life Eryngium



Treatment: Water
Total vase life: 10 days
Photo taken: Day 15.



Treatment: Chrysal SVB
Total vase life: 16 days
Photo taken: Day 15.

Vase life Alstroemeria



Treatment: Water
Total vase life: 11 days
Photo taken: Day 13.



Treatment: Chrysal AVB + Chrysal SVB
Total vase life: 15 days
Photo taken: Day 13

Chrysal SVB offers a reliable and effective solution for maintaining post-harvest quality and maximizing the commercial value of bulb flowers.